

Title (en)

MADS-BOX DOMAIN ALLELES FOR CONTROLLING SHELL PHENOTYPE IN PALM

Title (de)

MADS-BOX-DOMÄNENALLELE ZUR KONTROLLE DES SCHALENPHÄNOTYPS BEI PALMEN

Title (fr)

ALLÈLES DU DOMAINE MADS-BOX POUR CONTRÔLER LE PHÉNOTYPE SHELL CHEZ LE PALMIER

Publication

EP 3307763 A4 20181205 (EN)

Application

EP 16812254 A 20160614

Priority

- US 201562180042 P 20150615
- US 2016037429 W 20160614

Abstract (en)

[origin: WO2016205240A2] Nucleic acid and polypeptide sequences for predicting and controlling shell phenotype in palm.

IPC 8 full level

C07K 14/415 (2006.01); **A01H 5/08** (2018.01); **A01H 5/10** (2018.01); **C12N 15/82** (2006.01); **C12Q 1/68** (2018.01)

CPC (source: CN EP US)

A01H 1/045 (2021.01 - CN EP US); **A01H 5/08** (2013.01 - EP US); **A01H 5/10** (2013.01 - EP US); **C07K 14/415** (2013.01 - CN EP US); **C12N 15/8261** (2013.01 - EP US); **C12Q 1/6895** (2013.01 - CN EP US); **C12Q 2600/13** (2013.01 - CN EP US); **C12Q 2600/156** (2013.01 - CN EP US); **Y02A 40/146** (2017.12 - EP US)

Citation (search report)

- [YD] MAYES S ET AL: "Construction of a RFLP genetic linkage map for oil palm (*Elaeis guineensis* Jacq.)", GENOME, NATIONAL RESEARCH COUNCIL CANADA, OTTAWA; CA, vol. 40, no. 1, 1 January 1997 (1997-01-01), pages 116 - 122, XP001538193, ISSN: 0831-2796, DOI: 10.1139/G97-016
- [YD] BILLOTTE N ET AL: "Microsatellite-based high density linkage map in oil palm (*Elaeis guineensis* Jacq.)", THEORETICAL AND APPLIED GENETICS ; INTERNATIONAL JOURNAL OF PLANT BREEDING RESEARCH, SPRINGER, BERLIN, DE, vol. 110, no. 4, 1 February 2005 (2005-02-01), pages 754 - 765, XP019321849, ISSN: 1432-2242, DOI: 10.1007/S00122-004-1901-8
- [Y] RAJINDER SINGH ET AL: "Development of simple sequence repeat (SSR) markers for oil palm and their application in genetic mapping and fingerprinting of tissue culture clones", ASIA - PACIFIC JOURNAL OF MOLECULAR BIOLOGY & BIOTECHNO, UNIVERSITI PUTRA MALAYSIA, vol. 15, no. 3, 1 January 2007 (2007-01-01), pages 121 - 131, XP007914167, ISSN: 0128-7451
- See references of WO 2016205240A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2016205240 A2 20161222; WO 2016205240 A3 20170427; BR 112017027201 A2 20181030; CN 109311952 A 20190205; CN 109311952 B 20220318; CN 114606338 A 20220610; CO 2018000194 A2 20180328; CR 20180032 A 20180731; EP 3307763 A2 20180418; EP 3307763 A4 20181205; EP 3307763 B1 20210804; SG 10201912026Y A 20200227; US 10905061 B2 20210202; US 2018160639 A1 20180614; US 2021105961 A1 20210415

DOCDB simple family (application)

US 2016037429 W 20160614; BR 112017027201 A 20160614; CN 201680047538 A 20160614; CN 202210308694 A 20160614; CO 2018000194 A 20180111; CR 20180032 A 20160614; EP 16812254 A 20160614; SG 10201912026Y A 20160614; US 201615580645 A 20160614; US 202017131384 A 20201222